

UNCLASSIFIED

12/14/90

September 26, 1945

Dr. L. Don Leet
Harvard University Seismograph Station
Geological Museum
Cambridge 38, Massachusetts

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PER DOC. REVIEW JAN. 1973

Dear Don,

Replying to yours of September 20th, I will be very glad to supply some samples of the fused material for the mineral collection of the University with the understanding that they will be placed in a case where they cannot be handled and that none of the material will be taken home, as I cannot be responsible for the material once it has left my hands. Some of the material has more radioactive content than other pieces and over a long period would be dangerous if anyone kept it next to his skin or gave the material away for mounting in brooches or necklaces, as a few people have already done.

In particular there were some small beads obtained around N 1000 which I believe were produced from the material swept out in the scoured crater. It was fused in the air, hardened, and then fell in perfectly spherical form at N 1000. This stuff is hotter than the other.

All the pieces I have are quite small--1-1/2 by 2 inches. If this is big enough, I will send it along. I have green, red and yellow pieces, depending upon the iron content, and believe it would be sufficient for your needs. I expect to be east in October and will bring the material to you if you let me know by then.

Yours sincerely,

KTB/baa

BAINBRIDGE

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HARVARD UNIVERSITY SEISMOGRAPH STATION

$\phi = 42^{\circ}30'26''$ NORTH $\lambda = 71^{\circ}33'45''$ WEST

OAK RIDGE OBSERVATORY
HARVARD, MASSACHUSETTS

GEOLOGICAL MUSEUM
CAMBRIDGE 38, MASSACHUSETTS

L. DON LEET, SEISMOLOGIST IN CHARGE
MARY P. COLLINS, ASSISTANT

20 September 1945

IN REPLY PLEASE USE
OUR Cambridge ADDRESS

Dr. Kenneth T. Bainbridge
P. O. Box 1663
Santa Fe, New Mexico

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PLR DOE REVIEW JAN. 1973

Dear Ken:

Dr. Mather of my department asked me this morning if there would be any chance of getting a couple of typical samples of the fused quartz or whatever material constitutes the lining of the famous "jade green saucer" for the mineral collections of the University. Could you advise me on the subject?

Best regards,

L. Don Leet

L. Don Leet

ldl:c

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17
12/4/90

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005
Trinity

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August 10, 1945

Lt. H. C. Bush

I enclose \$2.00 from George B. Kistiakowsky
for the sample of Trinity dirt. This money is to
be applied to the movie account.

I think one way or another I can raise the
money to cover the movie situation, if you give
me an idea of what the total should be.

With kindest personal regards,

KTB/bsa
Encl. \$2.00

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[Signature] 3/27/19

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In accepting some glass from the Trinity crater
from Mr. Bainbridge I agree to keep this enclosed
and not permit handling of the material, and none
of this material will be given to individuals. I
have been told it is dangerous in contact with skin
for an extended length of time. I assume full
responsibility for it.

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David H. 3/27/19